

Updates highlighted in yellow.



Southern Louisiana Flooding

1700 CDT - August 30, 2016

Update

As a result of the August 2016 flooding due to heavy rains, twenty parishes have received major federal disaster declarations and more than 60,000 homes may have been impacted. Boil water advisories continue to affect approximately 5,200 people. LDEQ and LDHH have not requested any FEMA assistance as they continue to take the lead for the environmental response. LDEQ has issued guidance on flood debris segregation and flood re-entry. Early indications are that Parishes will take the lead for debris collection and disposal. Currently, debris is being sent for disposal to Type I and Type II landfills.

- **FEMA JOINT FIELD OFFICE:** EPA continues to participate in the Debris Task Force meeting to support local and parish governments.
 - FEMA has “soft” released ESF-10 along with ESF-1 (US DOT) and ESF-8 (DHHS). Soft release refers to releasing of that ESF from the JFO but FEMA may quickly receive requested information and/or request that ESF re-mobilized to the JFO if the situation warrants it. EPA staff is demobing from JFO today.
 - The JFO has been preparing Evacuation Plans as a contingency for a developing tropical storm that may hit the Gulf of Mexico next mid-late week. FEMA is closely monitoring the weather forecast for potential impact on the Louisiana operations. Current forecast indicate a lesser likelihood of development of tropical storm hitting Louisiana. **The 4 am CDT current forecast map of the weather system of concern, Tropical Depression Nine, is included below. (Invest 99L is now TD 9).**
 - On 8/28/2016, FEMA posted a “Take Extra Care with Hazardous Waste” regarding the handling of HHW to their public webpage for the Louisiana. Today, FEMA release some federal/state transportation requirements to be followed by all C&D transporters (tarping load, no bags, etc.).
 - The current estimate on total debris is 6 million cubic yards (FEMA emphasized that this is an early estimate and confidence is low that this estimate is accurate).
 - Debris collection has started in a few Parishes and municipalities (Zachary, Livingston, Denham Springs, Ascension, Lafayette Parish, Baton Rouge) all being done under contracts.
 - The Army Corps is the lead on creation and maintenance of a spreadsheet regarding the status of debris collection (i.e., locations, quantity estimates, contracts, etc.). This

spreadsheet will be updated daily by the Corps and shared with all Debris Task Force (DTF) members (includes EPA and LDEQ).

- From the 8/26/2016 DTF meeting: LDEQ corrected that there are 360 emergency debris sites, not landfills; LDEQ Debris HOTLINE: 225-364-790; and 28 approved and activated emergency debris sites IN the affected area.
 - From the 8/27/2016 DTF meeting: 180 days for FEMA's debris reimbursement program; 85% Aug. 12th - September 10th; 80% September 11th - November 9th; 75% November 10th - February 7th; Partners working to paint the picture of which applicants are NOT going to be applying - Expecting by Tuesday; Will be a big push to provide the debris picture to leadership by Wednesday; ESF#1 (US DOT) now demobed but will maintain “easy” reach back; Black bags - encourage not to use. Can't go into C&D landfills without being opened, then separated if necessary, then bags removed; and LDEQ is going out to the landfills and checking on them.
- **PUBLIC WATER SUPPLY:** LDHH continues conducting drinking water system assessments. There remains 26 public drinking water systems under boil water advisory impacting approximately 5,200 people.

PWS under BOIL WATER ADVISORIES (BWA)	
3	Ready for sampling
10	Inoperable
1	Operational / Lost Pressure
3	Operational / Lost Treatment
0	Unknown / Out of Contact
9	BacT Samples Taken, Waiting for Results – <i>these would be the ones to come off a BWA next if results are clean.</i>
26	Total on BWA

- **WASTEWATER TREATMENT PLANTS:** There are 661 WWTP in the declared parishes. LDEQ is implementing their Hurricane Disaster Plan. LDEQ will attempt to contact all potentially impacted WWTP via phone. If they don't make contact after two attempts, LDEQ will conduct a facility visit to that facility. To date, LDEQ has attempted to contact 617 of the 661 WWTP. LDEQ phone assessments and facility visits are continuing.

LDEQ WWTP STATUS				
Fully Operational	Partially Operational	Reporting Not Operational	Unreachable - Unknown Status	No Assessment – Not Yet Contacted
580	9	2	26	44

(617 attempted via phone, 44 not yet assessed/phoned)

- **BATON ROUGE LDEQ OFFICE:** EPA has been working with both LDEQ and the USCOE on tracking pertinent information regarding debris-related activities.
 - To date, there have been 30 flood-related NRC reports. Since the last reporting period, no NRC reports have been received related to Louisiana flood waters. There may be 2 or 3 incidents that LDEQ is considering referring to EPA.
 - EPA continues to work with LDEQ on NRC Report evaluations. LDEQ Regional Offices respond to spill reports and inform Incident Command if such spill events are significant and require further follow-up and potential assistance of EPA.
 - LDEQ continues to conduct Landfill Assessments to insure compliance with permit and emergency orders.
 - LDEQ continues conducting WWTP Assessment (Phone/Ground).
- **LARD OIL SPILL, DENHAM SPRINGS, LA:** EPA continues to provide RP oversight of the Lard Oil spill cleanup activities that has impacted a residential area. The RP has been removing stained vegetation and has started scrapping contaminated surface soils. The RP started air sampling activities on the facility and around the perimeter of the “impact” area of the oil release. EPA reviewed and provide comments back to the RP regarding their “Technical Sampling and Analysis Plan”. EPA received the RP’s “Draft Cleanup Plan” for EPA review/comment which includes indoor air and wipe sample of contaminated properties. There’s much legal representation in the area which appears to have had an adverse effect on gaining access agreements from the residents.

LARD OIL – As of 3pm 8/30/2016	
72	Estimated Total Number of Houses within “Impact Zone”
39	Number of houses Oiled OUTSIDE
7	Number of Houses Oiled INSIDE
46	Number of Houses with Oil in YARD
55	Number of Houses with ACCESS AGREEMENTS Granted to both EPA and Lard

- **Staffing Chart:**

Location	EPA	Contractor
LDEQ	1	0
FEMA-JFO	0	0
Lard Oil	2	4
REOC	2	2
TOTAL	5	6

Tropical Depression Nine

11 AM EDT Tue Aug 30 2016

Position 24.0 N 87.2 W

Maximum Winds 35 mph Gusts 45 mph

Movement WNW at 6 mph

Minimum Pressure 1004 mb (29.64 inches)

Storm Category



Tropical Depression	Tropical Storm	Category 1	Category 2	Category 3	Category 4	Category 5
< 39 mph	39-73 mph	74-95 mph	96-110 mph	111-130 mph	131-155 mph	156+ mph

Circle shows possible storm center locations.

